

MISTI

Instrument

Manifested

Launching: N/A

Ready by: 12/31/2011

Sponsor: NASA/GSFC

Last updated: 06/07/2005 at 12:09 AM by Michael Volle

MISTI Orbit Parameters

	Nominal	Min	Max
Launch Date:	N/A	N/A	N/A
Apogee altitude (km/nmi):	36000/19438.6	N/A	N/A
Perigee altitude (km/nmi):	36000/19438.6	N/A	N/A
Inclination (deg):	0.0	N/A	N/A
Argument of Perigee (deg):	TBD	N/A	N/A
Ascending Node (AN) (deg):	TBD	N/A	N/A
or Mean Local Time of the AN:	N/A	N/A	N/A
Design Orbit Lifetime (years):	TBD		
C3 (km ² /s ²):	N/A		
Geosynchronous Longitude (deg):	270.0		
Daily launch window duration (min):	TBD		
Launch window open/close (GMT):	TBD		
Yearly/seasonal launch window:	TBD		

MISTI Instrument Characteristics

Mass (kg/lb): 32/70.5
 Length (m/in): 0.8/31.5
 Diameter (m/in): 0.4/15.7
 Design Life (years): TBD
 Average Power (W): 26
 Peak Power (W): TBD
 Power Duty Cycle: TBD

MISTI Attitude Control

Attitude Stabilization: 3-Axis
 Pointing Control(arc seconds): TBD
 Pointing Stability(arc seconds): TBD
 Slew Rate(deg/sec): TBD
 Pointing Knowledge(arc seconds): TBD
 Pointing Modes: TBD

MISTI Contact Information

Mission Contact (Prime)

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